

Highly erodible soil mapunit list - Carver County, MN

This data is only to be used for HEL determinations

C=0.12 R=130

This is the "frozen data" based on 01/01/1990 information. The columns of data should only be used for PHEL.

Mapunit

Symbol	Mapunit Name	HELC	T	K	I	slope %	slope l	LS
AA	Kasota sandy loam, 0 to 2 percent slopes	NHEL	4	0.20	86	1.00	100	0.13
AB2	Kasota sandy loam, 2 to 6 percent slopes, eroded	NHEL	4	0.20	86	3.00	100	0.29
AD	Hawick sandy loam, 18 to 25 percent slopes	HEL	5	0.20	86	20.00	75	3.50
AE	Hawick loamy sand, 18 to 40 percent slopes	HEL	5	0.17	134	30.00	75	7.00
BA	Kasota loam, 0 to 2 percent slopes	NHEL	4	0.28	48	1.00	100	0.13
BB2	Kasota loam, 2 to 6 percent slopes, eroded	NHEL	4	0.28	48	3.00	100	0.29
BH	Blue Earth mucky silt loam	NHEL	5	0.28	86	0.50	150	0.11
BY	Biscay clay loam, 0 to 2 percent slopes	NHEL	4	0.28	48	1.00	100	0.13
CE3	Lester clay loam, 18 to 25 percent slopes, severely eroded	HEL	5	0.28	48	20.00	110	4.50
CH	Chaska loam, occasionally flooded	NHEL	5	0.28	86	1.00	100	0.13
CL	Coland clay loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.24	48	1.00	100	0.13
CO	Cordova clay loam, 0 to 2 percent slopes	NHEL	5	0.28	48	1.00	100	0.13
CS	Canisteo clay loam, depressional, 0 to 1 percent slopes	NHEL	5	0.28	86	1.00	100	0.13
CT	Canisteo clay loam, 0 to 2 percent slopes	NHEL	5	0.24	86	1.00	100	0.13
CU	Coland clay loam, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.24	48	1.00	100	0.13
CW	Cordova-Webster complex	NHEL	5	0.28	48	1.00	100	0.13
DA	Dakota and Rasset sandy loams, 0 to 2 percent slopes	NHEL	4	0.20	86	1.00	110	0.13
DB	Dakota and Rasset sandy loams, 2 to 6 percent slopes	NHEL	4	0.20	86	3.00	100	0.29
EA	Estherville sandy loam, 0 to 2 percent slopes	NHEL	3	0.20	86	1.00	120	0.14
EB	Estherville sandy loam, 2 to 6 percent slopes	NHEL	3	0.20	86	3.00	110	0.30
EB2	Estherville sandy loam, 2 to 6 percent slopes, eroded	NHEL	3	0.20	86	3.00	100	0.29
EX	Essexville sandy loam	NHEL	5	0.20	86	1.00	75	0.12
FA	Fairhaven silt loam, 0 to 2 percent slopes	NHEL	4	0.32	48	1.00	150	0.15
FB	Fairhaven silt loam, 2 to 6 percent slopes	NHEL	4	0.32	48	3.00	150	0.32
FC2	Fairhaven silt loam, 6 to 12 percent slopes, eroded	PHEL	4	0.32	48	9.00	125	1.40
GL	Glencoe clay loam, 0 to 1 percent slopes	NHEL	5	0.28	48	0.50	150	0.11
GP	Pits-Udipsamments complex							
HC	Estherville-Hawick sandy loams, 6 to 12 percent slopes	PHEL	3	0.20	86	9.00	110	1.20
HC2	Estherville-Hawick sandy loams, 6 to 12 percent slopes, eroded	PHEL	3	0.20	86	9.00	100	1.20
HD	Estherville-Hawick sandy loams, 12 to 18 percent slopes	HEL	3	0.20	86	15.00	90	2.40
HM	Hamel loam, 0 to 2 percent slopes	NHEL	5	0.28	48	1.00	100	0.13
HN	Hanlon loam	NHEL	5	0.28	48	1.00	100	0.13

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IA	Dickman sandy loam, 0 to 2 percent slopes	NHEL	3	0.20	86	1.00	150	0.15
IB2	Dickman sandy loam, 2 to 6 percent slopes, eroded	NHEL	3	0.20	86	3.00	130	0.31
IC2	Dickman sandy loam, 6 to 12 percent slopes, eroded	PHEL	3	0.20	86	9.00	110	1.20
KB	Kilkenny-Lester loams, 2 to 6 percent slopes	NHEL	5	0.28	48	4.00	125	0.43
KB2	Lester-Kilkenny loams, 2 to 6 percent slopes, eroded	NHEL	5	0.28	48	4.00	120	0.43
KC	Lester-Kilkenny loams, 6 to 12 percent slopes	PHEL	5	0.28	48	9.00	110	1.20
KC2	Lester-Kilkenny complex, 6 to 10 percent slopes, moderately eroded	PHEL	5	0.28	48	9.00	110	1.20
KD	Lester-Kilkenny loams, 12 to 18 percent slopes	HEL	5	0.28	48	15.00	100	2.40
KD2	Lester-Kilkenny complex, 10 to 16 percent slopes, moderately eroded	HEL	5	0.28	48	15.00	100	2.40
KE2	Lester-Kilkenny complex, 16 to 22 percent slopes	HEL	5	0.28	48	20.00	90	3.70
KF	Lester-Kilkenny complex, 22 to 40 percent slopes	HEL	5	0.28	48	30.00	75	6.50
KL	Hanlon-Kalmarville complex, frequently flooded	NHEL	5	0.20	86	1.00	100	0.13
KM	Minneiska-Kalmarville complex, frequently flooded	NHEL	5	0.20	86	1.00	125	0.14
LA	Le Sueur-Lester loams, 1 to 4 percent slopes	NHEL	5	0.28	48	2.00	130	0.22
LB2	Lester loam, 2 to 6 percent slopes	NHEL	5	0.28	48	3.00	125	0.30
LC	Lester loam, 6 to 10 percent slopes	PHEL	5	0.28	48	9.00	110	1.20
LC2	Lester loam, 6 to 10 percent slopes, moderately eroded	PHEL	5	0.28	48	9.00	100	1.20
LD	Lester loam, 10 to 16 percent slopes	HEL	5	0.28	48	15.00	100	2.40
LD2	Lester loam, 10 to 16 percent slopes, moderately eroded	HEL	5	0.28	48	15.00	100	2.40
LE2	Lester loam, 16 to 22 percent slopes, eroded	HEL	5	0.28	48	20.00	90	3.70
LF	Lester loam, 30 to 40 percent slopes	HEL	5	0.28	48	30.00	75	6.50
LS	Le Sueur loam, 1 to 3 percent slopes	NHEL	5	0.24	48	2.00	130	0.22
MK	Houghton and Muskego soils, 0 to 1 percent slopes	NHEL	5	0.00	134	0.50	200	0.12
MN	Minneiska loam	NHEL	5	0.28	86	1.00	120	0.14
MP	Klossner and Muskego soils, ponded, 0 to 1 percent slopes	NHEL	5	0.00	0	0.00	0	0.00
M-W	Water, miscellaneous							
MY	Mayer loam, 0 to 2 percent slopes	NHEL	4	0.24	86	1.00	100	0.13
OS	Oshawa silty clay loam	NHEL	5	0.28	0	0.50	130	0.11
PA	Sparta loamy sand, 0 to 2 percent slopes	NHEL	5	0.17	134	1.00	150	0.15
PB	Sparta loamy sand, 2 to 6 percent slopes	NHEL	5	0.17	134	3.00	125	0.30
PC	Sparta loamy sand, 6 to 12 percent slopes	NHEL	5	0.17	134	9.00	110	1.20
PD	Sparta loamy sand, 12 to 18 percent slopes	HEL	5	0.17	134	15.00	100	2.40

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PM	Klossner muck, 0 to 1 percent slopes	NHEL	5	0.00	134	0.50	200	0.12
PS	Klossner muck, sandy substratum	NHEL	4	0.00	134	0.50	200	0.12
RB	Rasset sandy loam, 0 to 6 percent slopes	NHEL	4	0.20	86	3.00	120	0.30
RC	Rasset sandy loam, 6 to 12 percent slopes	NHEL	4	0.20	86	9.00	110	1.20
RD	Rasset sandy loam, 12 to 18 percent slopes	HEL	4	0.20	86	15.00	100	2.40
RW	Richwood silt loam	NHEL	5	0.28	56	1.00	130	0.14
SC2	Lester-Storden complex, 6 to 12 percent slopes, eroded	PHEL	5	0.28	48	9.00	110	1.20
SD2	Lester-Storden complex, 12 to 18 percent slopes, eroded	HEL	5	0.28	48	15.00	100	2.40
SV	Spillville loam, occasionally flooded	NHEL	5	0.24	48	1.00	100	0.13
TB	Terril loam, 2 to 6 percent slopes	NHEL	5	0.24	48	3.00	120	0.30
TC	Terril loam, 6 to 12 percent slopes	NHEL	5	0.24	48	9.00	110	1.10
TT	Talcot silty clay loam	NHEL	4	0.28	86	0.50	100	0.10
US	Udipsamments, sloping	NHEL	5	0.15	134	9.00	110	1.20
W	Water							
WA	Wadena loam, 0 to 2 percent slopes	NHEL	4	0.24	48	1.00	130	0.14
WB	Wadena loam, 2 to 6 percent slopes	NHEL	4	0.24	48	3.00	120	0.30
WC2	Wadena loam, 6 to 12 percent slopes, eroded	PHEL	4	0.24	48	9.00	110	1.20
XB	Rasset-Lester complex, 2 to 6 percent slopes	NHEL	5	0.28	48	3.00	110	0.30
XC	Rasset-Lester complex, 6 to 12 percent slopes	PHEL	5	0.28	48	9.00	100	1.20
XC2	Rasset-Lester complex, 6 to 12 percent slopes, eroded	PHEL	5	0.28	48	9.00	100	1.20
XD	Rasset-Lester complex, 12 to 18 percent slopes	HEL	5	0.28	48	15.00	90	2.40
XE	Rasset-Lester complex, 18 to 25 percent slopes	HEL	5	0.28	48	20.00	90	3.70
YB	Rasset-Lester-Kilkenny complex, 2 to 6 percent slopes	NHEL	5	0.28	48	3.00	110	0.30
YC	Rasset-Lester-Kilkenny complex, 6 to 12 percent slopes	PHEL	5	0.28	48	9.00	100	1.20
YC2	Rasset-Lester-Kilkenny complex, 6 to 12 percent slopes, eroded	PHEL	5	0.28	48	9.00	100	1.20
YD	Rasset-Lester-Kilkenny complex, 12 to 18 percent slopes	HEL	5	0.28	48	15.00	90	2.40
YE	Rasset-Lester-Kilkenny complex, 18 to 25 percent slopes	HEL	5	0.28	48	20.00	90	3.70